Volume contents

Volume 71 (1994)

B. Mädler, G. Klose, A. Möps, W. Richter, C. Tschierske (Leipzig, Jena and Halle, Germany), Thermo-	
tropic phase behaviour of the pseudobinary mixture DPPC/C ₁₂ E ₄ at excess water	1
samples: method and utility S. Sonnino, L. Cantù, M. Corti, D. Acquotti, B. Venerando (Milano and Pavia, Italy), Aggregative proper-	13
ties of gangliosides in solution	21
S.L. Krill, S.L. Gupta, T. Smith (Abbott Park, IL), Pulmonary lung surfactant synthetic peptide concentration-dependent modulation of DPPC and POPG acyl chain order in a DPPC:POPG:palmitic acid lipid mixture	45
M.A. Tricerri, H.A. Garda, R.R. Brenner (La Plata, Argentina), Lipid chain order and dynamics at different bilayer depths in liposomes of several phosphatidylcholines studied by differential polarized phase fluores-	45
cence P. Mattjus, J.P. Slotte (Turku, Finland), Availability for enzyme-catalyzed oxidation of cholesterol in mixed	61
monolayers containing both phosphatidylcholine and sphingomyelin Z. Liang, N. Marklund, PO. Westlund, G. Wikander (Umeå, Sweden), Order parameter theory of electron	73
spin resonance line shape: application to the potassium oleate/water system	83
soluble enhances its protective effect against radical induced hemolysis of erythrocytes	9:
of mycolic acid biosynthesis	99
Short Communication	
R. Felde, G. Spiteller (Bayreuth, Germany), Search for plasmalogens in plants	109
Book Review Obituary	11:
	**
A. Nilsson, A. Holmgren, G. Lindblom (Umeå, Sweden), An FTIR study of the hydration and molecular ordering at phase transitions in the monooleoylglycerol/water system	119
K. Grebenkämper, HJ. Galla (Münster, Germany), Translational diffusion measurements of a fluorescent phospholipid between MDCK-I cells support the lipid model of the tight junctions	133
P.A. Wallace, D.E. Minnikin, K. McCrudden, A. Pizzarello (Newcastle upon Tyne, UK), Synthesis of (R,S)-10-methyloctadecanoic acid (tuberculostearic acid) and key chiral 2-methyl branched	
intermediates	145
S. Labourdenne, N. Gaudry-Rolland, S. Letellier, M. Lin, A. Cagna, G. Esposito, R. Verger, C. Rivière (Marseille and Saint-Clément-lès-Places, France), The oil-drop tensiometer: potential applications for	
studying the kinetics of (phospho)lipase action.	16

C. André, P. Luger, JH. Fuhrhop (Berlin, Germany), The X-ray crystal structure of N-trideca-5,7-diyne- D-gluconamide at 295, 100 and 20 K: a superstructure-forming synthetic glycolipid	175
P. Tassignon, P. de Waard, T. de Rijk, H. Tournois, D. de Wit, L. de Buyck (Wageningen, Netherlands; Gent, Belgium), An efficient countercurrent distribution method for the large-scale isolation of dimor-	
phecolic acid methyl ester	187
JY. Wang, ZY. Wang, T. Kouyama, T. Shibata, T. Ueki (Satima and Sendai, Japan), Significance of	
amino groups of phosphatidylethanolamine in phospholipid peroxidation of mixed liposomes	197
A.U. Siddiqui, W.K. Wilson, G.J. Schroepfer, Jr. (Houston, TX), Inhibitors of sterol synthesis. An im-	
proved chemical synthesis of 26-oxygenated $\Delta^{8(14)}$ -15-ketosterols having the 25R configuration	205
G. Won Han, J.R. Ruble, B.M. Craven (Pittsburgh, PA), The crystal structure of 1,2-dipalmitoyl-sn-	200
glycerol at 123 K.	219
S. Gerdon, S. Hoffmann, A. Blume (Kaiserslautern, Germany), Properties of mixed monolayers and bi-	217
	220
layers of long-chain 5-n-alkylresorcinols and dipalmitoylphosphatidylcholine	229
Short communication	
	244
M. Alaiz, J. Girón (Seville, Spain), Reaction of N-(carbobenzyloxy)-L-histidine with E-2-octenal	245
Subject index—Volume 71	249
Author index—Volume 71	253
Contents—Volume 71	25

